

PTO/SB/21 (02-04)

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**TRANSMITTAL  
FORM**

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/612379	
	Filing Date	07/01/03	
	First Named Inventor	Oliver Hobert	
	Art Unit	to be determined	
	Examiner Name	to be assigned	
Total Number of Pages in This Submission	11	Attorney Docket Number	5199-92

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Todd Holmbo, Reg. No. 42,665
Signature	
Date	02/09/04

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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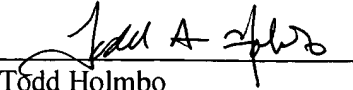
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

The Commissioner is hereby authorized to charge payment of any fees associated with this application or credit any overpayment to Deposit Account No. 02-4270.

Respectfully submitted,



Todd Holmbo

Reg. No. 42,665

Attorney for Applicants

BROWN RAYSMAN MILLSTEIN

FELDER & STEINER LLP

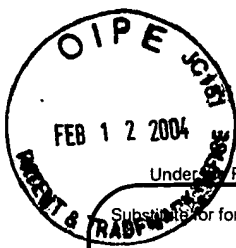
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 7

### Complete if Known

Application Number	10/612379
Filing Date	07/01/03
First Named Inventor	Oliver Holbert
Art Unit	to be determined
Examiner Name	to be assigned
Attorney Docket Number	5199-92

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	9	HOGAN, P. et al., " Organogenesis: Molecular Mechanisms of Tubulogenesis."	
	4	Nat. Rev. Genet. 3(7):513-23, 2000	
		LUBARKSKY, M. et al., "Tube Morphogenesis: Making and Shaping Biological Tubules."	
		Cell 112(1):19-28, 2003	
	8	J. FOLKMAN and C. HAUDENSCHILD, "Angiogenesis in Vitro."	
	6	Nature 288(5791):5551-6, 1980.	
	7 <sup>c</sup>	G.E. DAVIS and C.W. CAMARILLO, "An Alpha 2 Beta 1 Integrin-Dependent Pinocytic Mechanism Involving Intracellular Vacuole Formation and	
		Coalescence Regulates Capillary Lumen and Tube Formation in Three-Dimensional Collagen Matrix.	
		Exp. Cell Res. 224(1):39-51, 1996	

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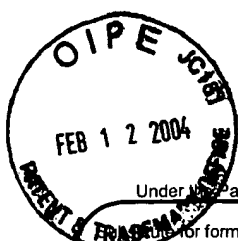
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Sheet	2	of	7	Applicant Number	10/612379
				Filing Date	07/01/03
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				Art Unit	to be determined
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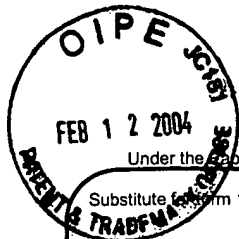
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		G.J. BEITEL and M.A. KRASNOW, "Genetic Control of Epithelial Tube Size in the Drosophila Tracheal System."	
	20	Development 127(15):3271-82, 2000.	
		R.J. METZGER and M.A. KRASNOW, "Genetic Control of Branching Morphogenesis."	
	2	Science 284(5420):1635-9, 1999	
		G. MANNING and M.A. KRASNOW, in the Development of Drosophila Melanogaster	
		M. Bate and A. Martinez Arias, Eds., Cold Spring Harbor Laboratory Press	
		Cold Spring Harbor, NY, Vol. 1:609-685, 1993 (N/A)	
	✓	F.K. NELSON, et al., "Fine Structure of the Caenorhabditis Elegans Secretory-Excretory System."	
	✓	J. Ultrastruct. Res. 82(2):156-71, 1983	

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Sheet 3 of 7	

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	19	J. Exp. Zool. 231(1):45-56, 1984	
	20	M. BUECHNER, "Tubes and the Single C. Elegans Excretory Cell."	
		Trends Cell. Biol. 12(10):479-84, 2002	
		J.R. WOLFF and T. BAR, "Seamless Endothelia in Brain Capillaries During Development of the Rat's Cerebral Cortex."	
		Brain Res. 41(1):17-24, 1972	
		HOGAN and KOLODZIEJ, "Organogenesis: Molecular Mechanisms of Tubulogenesis."	
		Nat. Rev. Genet. 3(7):513-23, 2002 (N/A)	

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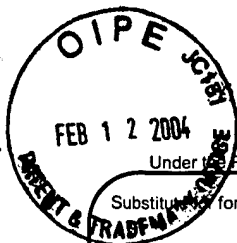
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Sheet	4	of	7
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	26	M. BUECHNER, et al., "Cystic Canal Mutants in Caenorhabditis Elegans are Defective in the Apical Membrane Domain of the Renal (Excretory)."	
		Cell. Dev. Biol. 214:227-241, 1999.	
		HARROP, et al., "Crystal Structure of a Soluble Form of the Intracellular Chloride Ion Channel CLIC (NCC27) at 1,4-A Resolution." (N/A)	
	27	ASHLEY, et al., "Challenging Accepted Ion Channel Biology: p64 and the CLIC Family of Putative Intracellular Anion Channel Proteins."	
	28	Mol. Membr. Biol. 20:1-11, 2003	
	29	LANDRY, et al., "Purification and Reconstitution of Chloride Channels from Kidney and Trachea."	
		Science 244:1469-72, 1989.	
	33	LI and WEINMAN, "Chloride Channels and Hepatocellular Function: Prospects for Molecular Identification."	
	34	Annu. Rev. Physiol. 64:609-633, 2002	

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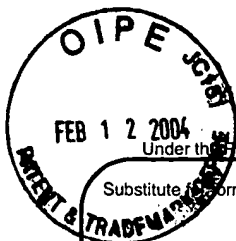
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	35	JENTSCH, et al., "Molecular Structure and Physiological Function of Chloride Channels."	
		Physiol. Rev. 82(2):503-568, 2002.	
		RONNOV-JESSEN, "Differential Expression of a Chloride Intracellular Channel Gene, CLIC4, in Transforming Growth Factor-Beta1-Mediated Conversion of Fibroblasts to Myofibroblasts."	
	39	Am. J. Pathol. 161:471-480, 2002.	
	40	TAMIR, et al., "Secretagogue-induced Gating of Chloride Channels in the Secretory Vesicles of Parafollicular Cells."	
		Endocrinology 135(5):2045-2057, 1994.	
		SCHLESINGER, et al., "Characterization of the Osteoclast Ruffled Border Chloride Channel and its Role in Bone Resorption."	
	43	J. Biol. Chem. 272(30):18636-18643, 1997.	

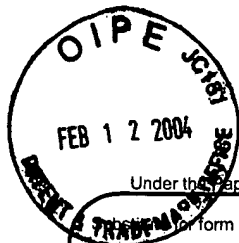
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		VALENZUELA, et al., "The Nuclear Chloride Ion Channel NCC27 is Involved in Regulation of the Cell Cycle."	
	45	J. Physiol. 529(3):541-552, 2000.	
		FERNANDEZ-SALAS, et al., "p53 and Tumor Necrosis Factor Alpha Regulate the Expression of a Mitochondrial Chloride Channel Protein."	
	47	J. Biol. Chem. 274:36488-36497, 1999.	
	48	FERNANDEZ-SALAS, et al., "mtCLIC/CLIC4, an Organellar Chloride Channel Protein is Increased by DNA Damage and Participates in the Apoptotic Response	
		to p53."	
		Mol. Cell Biol. 22:3610-3620, 2002.	
		MATTHEW BUECHNER, DAVID HALL and EDWARD HEDGE COCK, "Exc Mutations Affect Apical Cytoskeleton."	
		(Early 1995 International Worm Meeting, Abstract 320, 1995.) (N/A)	

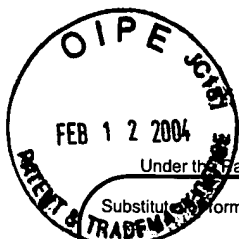
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